Form PTO-1449 U.S. Department of C Patent and Tradema											Atty. Docket No. P22042				
P ETHFORMATION DISCLOSURE STATEMENT											Applicant Atsushi MIYAWAK	I et al.			
2 6:20			e several sheets if necessary) JUL 2 6 2002							Filing Date March 4, 2002			Group Not Known 1652		
	a	<u>\$</u>		12					7	U.S. PATENT I	OOCUMENTS				
EXAMINERO INITIAL	DOCUMENT NUMBER DATE								ļ	1	NAME	CLASS	SUBCLASS	FILING IF APPRO	
28	Г	6							03/06/01	TSIEN et al.		530	350	·	
83		5	9	9	8	2	0	4	12/07/99	TSIEN et al.		435	325	· · · · · · · · · · · · · · · · · · ·	
				Γ											
			ļ												
									FO	REIGN PATEN	T DOCUMENTS				
		D	oci	UME	ENT	NU	мві	ER	DATE	CO	UNTRY	CLASS	SUBCLASS	TRANSI YES	ATION NO
23	0	0	1	7	1	5	6	5	11/30/00	W.I.P.O.			_		
21	9	8	1	4	0	4	7	7	09/17/98	W.I.P.O.					
												` .			
						от	HE	R DO	CUMENTS	(Including Aut	hor, Title, Date, Perti	inent Pages, I	Etc.)		
8)		1	N	laga	i, T	`., e	al.	, PN	AS vol. 98	3, no. 6, pp. 3	197-3202 (2001).				
SD		2	В	airc	l, G	., et	al.	, PN	AS vol. 96	, pp. 11241-1	1246 (1999).	rea)			
25		3		Baird, G., et al., PNAS vol. 96, pp. 11241-11246 (1999). Sawano, A., and Miyawaki, A., Nuc. Acids Res. Vol. 28, no. 16, e78, pp. i-vii (2000).											
L															
		ہے	<u></u>		7_	7						P	-1211	ALD-	
EXAMINER	EXAMINER 6, 87 DATE CONSIDERED 7/21/199														
	*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.														

Form PTO	-144	9					•	of Commerce emark Office	Atty. Docket No. Serial No. P22042 10/086,738							
	0	iFQ \	,		APPL I	CANT		VT.	Applicant Atsushi MIYAWAKI et al.							
	YAY	2 8	·	Use several	sheet	s if neces	sary)		Filing Date March 4, 2002 Group Not Known 1657							
1	•			A				U.S. PATENT	DOCUMENTS							
EXAMINI INITIAL				CUMEN	IT NU	MBER	DATE		NAME	CLASS	SUBCLASS		DATE OPRIATE			
		Ī	T													

FOREIGN PATENT DOCUMENTS																
DOCUMENT NUMBER DATE C									J.D. ITD.V	TRANSI						
	\dashv								UNTRY	CLASS	SUBCLASS	YES	NO			
	\dashv	-	-		+	+										
OTHER DOCUMENTS (feeduding Author Title Date Person Press)																
28	•	٦	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) 1 Tsien, R., and Miyawaki, A., Science 280, pp. 1945-1955 (1998).													
	\dashv	1	2													
	\dashv	-	3	Tsien, R., Annu. Rev. Biochem. 67, pp. 509-544 (1998).												
	\dashv	\dashv	4	Llopis, J., et al., PNAS 95, pp. 6803-6808 (1998).												
	\dashv	\dashv	5	Ormö, M., et al., Science 273, pp. 1392-1395 (1996).												
	\dashv	\dashv	-		Watcher, R., et al., Structure 6, pp. 1267-1277 (1998). Baird, G., et al., PNAS 96, pp. 11241-11246 (1999).											
	-	\dashv	6)					
	+	\dashv	7					pp. 632-638 (
	+	\dashv	8					s, pp. 325-327		- ,						
	\dashv	4	9					pp. 229-233 (
	\dashv	1	0						151-154 (1995).							
	\dashv	1	1					. 12501-1250								
	\dashv	1	2						ology 6, pp. 47-55 (1988).						
	\dashv	1	3	Miyawa	ki, A	., et al.,	PNAS 9	6, pp. 2135-21	40 (1999).							
	\dashv	1	4	Miyawaki, A., et al., Nature 388, pp. 882-887 (1997).												
	_	1	5	Dickson, R., et al., Nature 388, pp. 355-358 (1997).												
	\dashv	1	6	Malviya	Malviya, A., and Rogue, P., Cell 92, pp. 17-23 (1998).											
28		1	7	Brown,	G., e	t al., Bio	chem. J.	325, pp. 771	778 (1997).							
EXAMINE	R	E	? ,	Slow	50	dy	0ez		DATE CONSIDERE	D 7/	21/04					
	*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.												formance			

Form PTO-1449 U.S. Department of Patent and Tradem									•		Atty. Docket No. Serial No. P22042 10/086,738					
	Γ	NFO		E	BY A	APPL	ICAN	T	ratemen	0100	Applicant Atsushi MIYAWAKI et al.					
				Use sev	veral	l shee	ts if n	ecess	sary Ni	AY 2 8 2002	Filing Date Group March 4, 2002 Not Known /652				2_	
									3	U.S. PATELYT	DOCUMENTS					
EXAMI INITI			ŀ	OCUM	1EN	וא זו	JMBE	R	DATE		NAME		SUBCLASS	FILING DATE IF APPROPRIATE		
		+	-	╟												
	_	_ــــ		ا				_	FC	DREIGN PATE	NT DOCUMENTS		L			
				OCUMI UMBEI		`			DATE		UNTRY	CLASS	SUBCLASS TRANSLATION YES NO			
								1		·						
						01	HER	DO	CUMENT	S (Including Au	thor, Title, Date, Pert	inent Pages,	Etc.)			
2	2	1	8	8 Badminton, M., et al., J. Biol. Chem. 271, pp 31210-31214 (1996).												
		1	9	Brin	i, M	1.m	et al.,	EM	IBO 12,	pp. 4813-4819	9 (1993).					
		2	0	Fan,	G.,	et a	I., Bi	oph	ys. J. 76,	pp. 2412-242	0 (1999).	_				
		2	1	Rick	en,	S., e	et al.,	J. E	Biol. Che	m. 273, pp. 34	1961-34969 (1998)					
		2	2	Babo	cock	κ, D.	, et a	I., J	. Cell Bio	ol. 136, pp. 83	3-844 (1997).					
		2	3	Rutte	er, (G., e	t al.,	PN	AS 93, p _l	p. 5489-5494	(1996).					
25	3	2	4	Montero, M., et al., Nature Cell Biol. 2, pp. 57-61 (2000).												
						_										
									*							
					-											
					_											
···				01					/)		 ,	-11			
EXAMIN	IER (<u>8</u>	, <	310	66	00	19	Ol	eek	ref	DATE CONSIDERE	D 7/.	21/04			
*EXAMI	NER: onsid	Ini ered	tial I. In	if citatio	on co opy	onsid of th	ered, v is form	whetl n wit	her or not e h next com	entation is in confirmunication to ap	Formance with MPEP 6 oplicant.	09; Draw line	through citation	if not in co	nformance	